

WF-B Series Dust Collecting Crushing Set



The material enters the crusher cavity from the feeding hopper, and is thrown from the center to the crusher cavity wall by the centrifugal force generated by the high-speed rotation of the movable toothed plate. Finally, the fine particles are discharged from the bottom through the sieve plate, and the coarse powder is repeatedly pulverized in the machine. It is suitable for pharmaceutical, chemical, food and other industries to crush dry brittle materials. It is a crushing equipment that integrates crushing and vacuuming.

Working principle

The unit utilizes the relative movement between the movable toothed disk and the fixed toothed disk to crush the materials through tooth impact, friction and the impact between the materials. The crushed materials will automatically enter the replenishment bag under the action of the rotating centrifugal force, and the dust will be recovered by the dust collection box through the cloth bag filtration. The machine is designed according to the "GMP" standard and is all made of stainless steel. There is no dust during the production process. And can improve the utilization rate of materials and reduce costs.

Performance & Feature

1. Diversified crushing mechanisms: toothed disc type, turbine type, air-cooled type, blade type and hammer type, suitable for various materials.
2. It can be equipped with a cyclone separator and a dust collector, and there is no dust flying during the production process, the fine powder retained by the dust collection bag can be effectively recovered, reducing the loss rate of materials.
3. The easy-to-remove screen can achieve different degrees of crushing thickness.
4. The shell of the pulverizer can be equipped with jacket cooling water, which is suitable for highly heat-sensitive materials.

Technical parameters

Model	WF-20B	WF-30B	WF-40B	WF-60B
Production Capacity (kg/h)	60-150	100-300	160-800	250-1200
Spindle Speed (r/min)	4500	3800	3400	2800
Feed Size (mm)	≤6	≤6	≤6	≤10
Crushing Fineness (mesh)	60-120	60-120	60-120	60-120
Crushing Motor (kw)	4	5.5	1	22
Dust Collection Motor (kw)	0.75	0.75	1.5	3
Dimensions (length * width * height) (mm)	1100*600*1650	1200*650*1650	1350*700*1700	1750*1100*1950